



PRODUCT-DETAILS

3GAA104520-BHE
(3GAA104520-BHE)



General Information	
Product ID	3GAA104520-BHE
ABB Type Designation	M3AA 100LB 8
Catalog Description	(3GAA104520-BHE)

Ordering	
ABB Type Designation	M3AA 100LB 8
Invoice Description	M3AA 100LB 8
Product Name	3-Phase squirrel cage motor
Product Type	3AA2_M3AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015220
Replaced Product ID (OLD)	3GAA104442-BHE

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	IS/IN
D	--	50 Hz	415 V	1.10 kW	715 r/min	2.20 A	0.610	77.70 %	4.00
Temperature Class Default									--
Altitude									1000 m
Ambient Temperature									40 °C
IC Class									IC411
IE Class Data (50 Hz)									IE Class IE2 Full Load (100%) 77.7 % Partial Load (75%) 76.4 % Partial Load (50%) 72.1 %
IP Class									IP55
Insulation Class									ICLF
Number of Poles (High)									8
Two Speed Motor									No
Type of Duty									S1
Voltage Code									H

Mechanical

Frame Material	Aluminum
Frame Size	100
Bearing	6306-2Z/C3
Bearing NDE	6205-2Z/C3
IM Class	IMB5 IM3001

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	23 kg
Gross Weight	28 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors

